# African-American 5 a Day and Physical Activity Campaign: Using applied research to design a statewide social marketing campaign

Angie Keihner, MS<sup>1</sup>, Lalekan Araba-Owoyele, PhD<sup>2</sup>, Valarie Scruggs, BA<sup>3</sup>, Elaine Williams, PhD, RD<sup>4</sup>, Shene Bowie, MPH<sup>5</sup>, Diane Wayne, MS, RD<sup>6</sup>, Kenneth Bushnell<sup>7</sup>. (1) Cancer Prevention and Nutrition Section, Public Health Institute, 601 N 7th Street, PO Box 942732, MS- 662, Sacramento, CA 94234-7320. (2) Consolidated Sciences, Inc., 1400 S Street, Suite 209, Sacramento, CA 95814. (3) Cancer Prevention and Nutrition Section, California Department of Health Services, 601 N 7th Street, PO Box 942732, MS-662, Sacramento, CA 94234-7320. (4) The Baptist Church of the New Covenant, 10843 Kenney Street, Norwalk, CA 90650. (5) East Oakland Faith Deliverance Center, 7425 International Blvd., Oakland, CA 94621. (6) County of Riverside Nutrition Services, 9415 Mission Blvd., Suite P, Riverside, CA 92509. (7) Berea Community Seventh Day Adventist Church, 833 Louisiana Street, Vallejo, CA 94590.

A theoretically based African American 5 a Day and Physical Activity Campaign can be effective for increasing fruit and vegetable (FV) consumption among African Americans in California. In preparation for launching the potential campaign, 544 African-American adults attending one of two outreach festivals, the Black Expo in Oakland or the African Market Place in Los Angeles, completed a 49-item survey administered by 5 a Day booth assistants. The instrument collected data on FV intake/beliefs, FV stages of change (FVSC), food shopping, and physical activity behavior (PA), as well as preferences in nutrition education materials, collateral items, festival activities, and community and mass media outlets. The sample was mostly female (82%) with at least some college education (86%). Over half of the respondents were 35 to 54 years old. One quarter reported eating fewer than 2 daily servings of FV; 17% reported eating at least 5 servings. Three-quarters had access to an area Farmer's Market; 40% shopped there less than once/month; 18% shopped there weekly. About a third reported physical activity less than twice weekly; 18% were active at least five times weekly. Over half ate out at least twice a week. This session will examine how findings can be applied to designing an African American 5 a Day and Physical Activity Campaign.

**Abstract ID#:** 49623 **Password:** 559531

**Program Selection:** Food and Nutrition

**Topic Selection:** Innovative Nutrition Education Approaches

Keywords: African American, Planning

**Learning Objectives:** Participants will be able to: 1. Identify the elements needed for assessment of nutrition, physical activity, and readiness for behavioral change. 2. Describe key behavioral and motivational findings among African Americans in California. 3. Discuss how to tailor the delivery of a large scale dietary and physical activity social marketing campaign to the African American community.

**Submitter Email:** akeihner@dhs.ca.gov

Target Audiences: CHES & dieticians designing nutrition and physical activity outreach to African

Americans

Presentation Format: Oral Only

• New Investigator

First Author

### Presenting

Angie Keihner, MS

Cancer Prevention and Nutrition Section

Public Health Institute 601 N 7th Street

PO Box 942732, MS- 662 Sacramento, CA 94234-7320 **Phone Number:** (916) 445-7063

Email: akeihner@dhs.ca.gov

\* APHA Member

I **do not** have any significant financial interest/arrangement or affiliation with any organization/institution whose products or services are being discussed in this session or paper.

Presenter's signature: Angie Jo Keihner

#### Second Author

Lalekan Araba-Owoyele, PhD Consolidated Sciences, Inc. 1400 S Street, Suite 209 Sacramento, CA 95814

Phone Number: (916)448-2999 Email: laraba@cosciences.com

I **do not** have any significant financial interest/arrangement or affiliation with any organization/institution whose products or services are being discussed in this session or paper.

#### **Third Author**

Valarie Scruggs, BA

Cancer Prevention and Nutrition Section California Department of Health Services

601 N 7th Street

PO Box 942732, MS-662 Sacramento, CA 94234-7320 **Phone Number:** 916 322-6111 **Fax Number:** 916-322-1532 **Email:** vscruggs@dhs.ca.gov

#### **Fourth Author**

Elaine Williams, PhD, RD

The Baptist Church of the New Covenant

10843 Kenney Street Norwalk, CA 90650

Phone Number: (562) 860-4948 Email: vscruggs@dhs.ca.gov

I **do not** have any significant financial interest/arrangement or affiliation with any organization/institution whose products or services are being discussed in this session or paper.

#### Fifth Author

Shene Bowie, MPH

East Oakland Faith Deliverance Center

7425 International Blvd. Oakland, CA 94621

Phone Number: 510/638-1742 Fax Number: 510/430-0949 Email: shenebowie@aol.com

#### **Sixth Author**

Diane Wayne, MS, RD County of Riverside Nutrition Services 9415 Mission Blvd., Suite P Riverside, CA 92509

Phone Number: 909-360-8015 Fax Number: 909-360-8010 Email: dwayne@co.riverside.ca.us

## **Seventh Author**

Kenneth Bushnell Berea Community Seventh Day Adventist Church 833 Louisiana Street Vallejo, CA 94590

**Phone Number:** 707-644-0202 **Email:** kenbushnell@juno.com